

### REMARKS

This paper is responsive to a *non-final* Office action dated July 28, 2004. Claims 1-11, 16, 17, 19, 21-25, 27-32, 34, and 36-42 are pending. Based on the body of the official action it appears that all claims (including claims 37-42, added by preliminary amendment) were considered; however, the Office Action Summary is somewhat inconsistent in that it does not recite a disposition of claims 37-42. Also, claims 36-42 are indicated allowable in the body of the action, though claim 36 is also rejected therein.

Accordingly, Applicant responds based on the following interpretation:

- Claims 1-11, 16-17, 19, 21-25, 27-32, 34, and 37-42 are allowable (subject to a formalities objection to claims 21 and 31-32).
- Claim 36 is rejected.

### Oath/Declaration

Examiner objected to the previously filed declaration of Chaudhry. An appropriate supplemental declaration is attached.

### Objection to the Specification

The Office relies on MPEP 608.01(o) in objecting to the Specification. Without acquiescing in the propriety of an “antecedent basis” objection under the patent statute, Applicant respectfully notes that MPEP 608.01(o) addresses the situation in which material is added during prosecution, for which support does not exist in the specification. Claim 36 (which forms the basis for the objection) is an originally filed claim.

MPEP 608.01(o) is inapplicable and withdrawal of the objection is respectfully requested. *See also*, traversal (below) of rejection under 35 U.S.C. § 112.

### Claim Objections

Claims 21 and 31-32 have been amended in accordance with the Examiner’s suggestions.

Claim Rejection

Claim 36 has apparently been rejected on two grounds. First, claim 36 is rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. Second, claim 36 is rejected under 35 U.S.C. § 102(b) as anticipated by U.S. Patent 5,680,565 to Grew et al. (*Grew*).

Applicant respectfully traverses the first ground of rejection (written description), noting that the rejected claim was originally filed and therefore (at the very least) constitutes its own written description. Application unambiguously indicates that, at the time of filing, Applicants were in possession of the invention recited in originally-filed claim 36. For that reason alone, the 112 rejection should be withdrawn.

Applicant has amended to overcome the second ground of rejection (anticipation), noting that even as expansively interpreted by the Office, *Glew* does not disclose or suggest, taken alone or in combination with any art of record:

defining ... at least one writable store of the processor suitable  
for delimiting, at runtime, a subset of addressable memory  
from which storage is dynamically allocatable; and  
... defining ... likely pointer value detection logic coupled to the  
at least one writable store and responsive to data values  
destined for register storage of the processor.

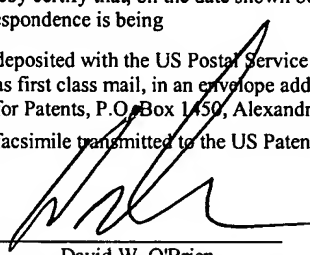
as recited in amended claim 36. Allowance is respectfully requested.

In summary, claims 1-11, 16, 17, 19, 21-25, 27-32, 34, 36-42 are in the case. All claims are believed to be allowable over the art of record, and a Notice of Allowance to that effect is respectfully solicited. Nonetheless, if any issues remain that could be more efficiently handled by telephone, the Examiner is requested to call the undersigned at the number listed below.

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that, on the date shown below, this correspondence is being

- ☒ deposited with the US Postal Service with sufficient postage as first class mail, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☐ facsimile transmitted to the US Patent and Trademark Office.

  
David W. O'Brien29-Nov-04  
Date  
Respectfully submitted,

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AMENDMENTS TO THE DRAWINGS

The attached sheet of drawings include changes to Fig. 2 and replaces the original sheet therefor. Fig. 2 has been amended consistent with the Examiner's suggestion.

Attachment(s): Replacement Sheet including amended Fig. 2.